

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	51	(Mikami-Kenji).in.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:29
L2	1	L1 and (toner ink pigment col\$2ant) near6 (control\$4 reduc\$6 regulat\$4 adjust\$4 correct\$4 restrict\$4 sav\$4) same (detect\$3 discriminat\$3 distinguish\$3 discern\$3 identification recogni\$4 determin\$5 ascertain\$3 differentiat\$3 decid\$3 decision judg\$4 conclu\$4 find\$3 obtain\$3 extract\$3 search\$4 verify\$4 analysis analyz\$4 evaluat\$3) near9 (thin\$1line (type group kind category character charateristic\$4 ) near5 (image graphic\$3 text input\$1data))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:30
L3	2	L1 and (toner ink pigment col\$2ant) near6 (control\$4 reduc\$6 regulat\$4 adjust\$4 correct\$4 restrict\$4 sav\$4) and (detect\$3 discriminat\$3 distinguish\$3 discern\$3 identification recogni\$4 determin\$5 ascertain\$3 differentiat\$3 decid\$3 decision judg\$4 conclu\$4 find\$3 obtain\$3 extract\$3 search\$4 verify\$4 analysis analyz\$4 evaluat\$3) near9 (thin\$1line (type group kind category character charateristic\$4 )) same (image graphic\$3 text input\$1data)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:36
L4	2250	(canon).as. and (toner ink pigment col\$2ant) near6 (control\$4 reduc\$6 regulat\$4 adjust\$4 correct\$4 restrict\$4 sav\$4) and (detect\$3 discriminat\$3 distinguish\$3 discern\$3 identification recogni\$4 determin\$5 ascertain\$3 differentiat\$3 decid\$3 decision judg\$4 conclu\$4 find\$3 obtain\$3 extract\$3 search\$4 verify\$4 analysis analyz\$4 evaluat\$3) near9 (thin\$1line (type group kind category character charateristic\$4 )) same (image graphic\$3 text input\$1data)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:37
L5	1199	L4 and (detect\$3 discriminat\$3 distinguish\$3 discern\$3 identification recogni\$4 determin\$5 ascertain\$3 differentiat\$3 decid\$3 decision judg\$4 conclu\$4 find\$3 obtain\$3 extract\$3 search\$4 verify\$4 analysis analyz\$4 evaluat\$3) near9 (thin\$1line (type group kind category character charateristic\$4 ) near5 (image graphic\$3 text input\$1data))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:39
L6	429	L5 and (reduc\$3 reduc\$3 dereas\$3 minimiz\$3 cul\$1down) near8 toner	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:40

L7	23	L6 and (toner col\$2r col\$2r) with (reduct\$3 control\$4 manag\$4 correct\$3 calibrat\$4 suppress\$3 forming print\$3) same (thin\$1line (thin narrow fine) near3 line line adj width) same (graphic\$4 computer adj graphic\$4 photograpph\$3 adj imag\$3 border\$3 edg\$3 contour\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:43
L8	5	("5339365"   "5422739"   "5504592"   "5995248"),PN. OR ("7085009"),URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 17:44
L9	4	("5339365"   "5422739"   "5504592"   "5995248"),PN. OR ("7142329"),URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 17:45
L10	32	("4294537"   "4506342"   "4563706"   "4652933"   "4653900"   "4663663"   "4672462"   "4695895"   "4721951"   "4731672"   "4748513"   "4760458"   "4760463"   "4771343"   "4814898"   "4841359"   "4847654"   "4884147"   "4887115"   "4905095"   "4906986"   "4935809"   "4963898"   "4972271"   "4980760"   "4992884"   "5016114"   "5020096"   "5032928"   "5285290"   "5333068"   "5583538"),PN. OR ("7167266"),URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 17:45
L11	21	("4342052"   "5051643"   "5146343"   "5239388"   "5253081"   "5269570"   "5357348"   "5450213"   "5461459"   "5475475"),PN. OR ("5867279"),URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 17:46
L12	18049	(358/1.9,1.13,1.14,2.1,1.1,518,504,515,401,403,527,3.2,1.2),cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:46
L13	948	L12 and (toner ink pigment col\$2r) near6 (control\$4 reduc\$6 regulat\$4 adjust\$4 correct\$4 restrict\$4 sav\$4) and (detect\$3 discriminat\$3 distinguish\$3 discern\$3 identification recogni\$4 determin\$5 ascertain\$3 differential\$3 decid\$3 decision judg\$4 conclu\$4 find\$3 obtain\$3 extract\$3 search\$4 verify\$4 analysis analyz\$4 evaluat\$3) near9 (thin\$1line (type group kind category character characteristic\$4)) same ((image graphic\$3 text input\$1data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:46
L14	560	L13 and (detect\$3 discriminat\$3 distinguish\$3 discern\$3 identification recogni\$4 determin\$5 ascertain\$3 differential\$3 decid\$3 decision judg\$4 conclu\$4 find\$3 obtain\$3 extract\$3 search\$4 verify\$4 analysis analyz\$4 evaluat\$3) near9 (thin\$1line (type group kind category character characteristic\$4)) near5 ((image graphic\$3 text input\$1data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:48
L15	131	L14 and (reduc\$3 reduc\$3 decreas\$3 minimiz\$3 cut\$1down) near8 toner	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:48

L16	8	("5047844"   "5119187").PN. OR ("5293207").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 17:49
L17	33	("5245417"   "5257116"   "5309258").PN. OR ("5751434").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 17:50
L18	6	("4521805"   "4553172").PN. OR ("5946450").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 17:51
L19	16	("5339365"   "5422739"   "5504592").PN. OR ("6449060").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 17:52
L21	28	(US-5570165-\$ or US-5661564-\$ or US-5668635-\$ or US-5684933-\$ or US-6203963-\$ or US-6498910-\$ or US-6701110-\$ or US-7301669-\$).did. or (JP-09080872-\$).did. or (US-20030043392-\$ or US-20030091370-\$).did. or (US-5668635-\$ or US-7032989-\$ or US-7233747-\$ or US-7242873-\$ or US-7298522-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 17:53
L22	7	("5111044"   "5668635"   "5767978"   "5862306"   "6313925"   "6421141"   "6804025").PN. OR ("7298522").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 17:54
L23	5456	{358/1.8,1.3,502,1.18,1.16,3.2}.cols.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:00
L24	288	L23 and (toner ink pigment col\$2rant) near6 (control\$4 reduc\$6 regulat\$4 adjust\$4 corrct\$4 restrict\$4 sav\$4) and (detect\$3 discriminat\$3 distinguish\$3 discern\$3 identification recogni\$4 determin\$5 ascertain\$3 differential\$3 decid\$3 decision judg\$4 conclu\$4 finds3 obtain\$3 extract\$3 search\$4 verify\$4 analysis analyz\$4 evaluat\$3) near9 (thin\$1 line (type group kind category character charateristic\$4)) same (image graphic\$3 text input\$1data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 18:01
L25	34	L24 and (reduc\$3 reduc\$3 decreas\$3 minimiz\$3 cut\$1down) near8 toner	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 18:02
L26	9	("4496976"   "4724431").PN. OR ("5351074").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:02
L27	20	("5081631"   "5134495"   "5187495"   "5255351"   "5287209"   "5396584"   "5495341"   "5633669"   "5689586"   "5949966").PN. OR ("6052203").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:02
L28	7	("6141111").PN. OR ("6535298").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:02
L29	12	("5017962"   "5235384"   "5351073"   "5572292"   "5596390"   "5610635"   "5636032"   "5760795"   "5828863"   "6106093").PN. OR ("6762854").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:02
L30	5	("4839829"   "5513254").PN. OR ("6891636").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:02

L31	19	(["3556934"   "3652281"   "3779951"   "3884685"   "3933547"   "5125996"   "5222282"   "5226398"   "5287150"   "5854957"   "5887408"   "5925446"   "5940188"   "6054170"   "6064838"   "6100804"   "6480298").PN, OR ("6937358"), UPRN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:02
L32	61	(["4149194"   "4185304"   "4987498"   "5047955"   "5053887"   "5140431"   "5155588"   "5200831"   "5291311"   "5293579"   "5313309"   "5365348"   "5396584"   "5450531"   "5469516"   "5574833"   "5581372"   "5600761"   "5619334"   "5625460"   "5638188"   "5642436"   "5694224"   "5701505"   "5703971"   "5710824"   "5729665"   "5731823"   "5740338"   "5742405"   "5742703"   "5745249"   "5754708"   "5760914"   "5790282"   "5818975"   "5832301"   "5844688"   "5860047"   "5867142"   "5872899"   "5886797"   "5914744"   "5917956"   "5920646"   "5926577"   "5937153"   "5956157"   "5974171"   "6020897"   "6021256"   "6072907"   "6075965"   "6088130"   "6091862").PN, OR ("7218420"), UPRN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:02
L33	39	(["20050025333"   "20050031160"   "20050128524"   "20050135851"   "20050226083"   "20060044617"   "20060072159"   "20060127117"   "20070139714"   "3784289"   "4149194"   "4210346"   "4310180"   "5087507"   "5229867"   "5234783"   "5487567"   "5583660"   "5678133"   "5695220"   "5710636"   "5734752"   "5751432"   "5788285"   "5853197"   "6108512"   "6606168"   "6714320"   "6763121"   "6906825"   "7020349"   "7092128"   "7126721"   "7139101"   "7139521"   "7148999"   "7180631"   "7180635"   "7193751").PN, OR ("7382495"), UPRN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:03
L34	37	(["20030133161"   "4663662"   "4758886"   "4920501"   "5111310"   "5535020"   "5627919"   "5710828"   "5712929"   "5815286"   "5875287"   "5909512"   "6021217"   "6031627"   "6166751"   "6185005"   "6250733"   "6278802"   "6288795"   "6312096"   "6356363"   "6606168"   "6714320"   "6760126").PN, OR ("6906825"), UPRN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:03
L35	32	(["20010022667"   "20010030769"   "20010053299"   "20020002679"   "20020012447"   "5315098"   "561719"   "5734752"   "5790703"   "5825892"   "5832119"   "5835639"   "5875249"   "5933798"   "5946103"   "5949055"   "5974548"   "6104812"   "6128411"   "6233347"   "6246777"   "6252971"   "6263086"   "6526155"   "6839450").PN, OR ("7020349"), UPRN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:03
L36	5388	(382/189,176,162,165,167).cols.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 18:03

L37	162	L36 and (toner ink pigment col\$2rant) near6 (control\$4 reduc\$6 regulat\$4 adjust\$4 correct\$4 restrict\$4 sav\$4) and (detect\$3 discriminat\$3 distinguish\$3 discern\$3 identification recogni\$4 determin\$5 ascertain\$3 differentiat\$3 decid\$3 decision judg\$4 conclu\$4 finds\$3 obtain\$3 extract\$3 search\$4 verify\$4 analysis analyz\$4 evaluat\$3) near9 (thin\$1line (type group kind category character charateristic\$4)) same (image graphic\$3 text input\$1data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 18:04
L38	42	L37 and (reduc\$3 control\$4 manag\$4 sav\$4 reduc\$3 decreas\$3 minimiz\$3 cut \$1down) near8 toner	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 18:05
L39	2040	"347"/\$.cls. and (reduc\$3 control\$4 manag\$4 sav\$4 reduc\$3 decreas\$3 minimiz\$3 cut\$1down) near8 toner	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 18:06
L40	1	("6449060").PN. OR ("7061647").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:06
L41	16	("4541113"   "4747148"   "5175775"   "5222155"   "5293469"   "5369430"   "5495535"   "5500906"   "5631983"   "5633951"   "5710829"   "5740266"   "5781659"   "5822082"   "5953076").PN. OR ("6993184").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:06
L42	56	("4185304"   "4987498"   "5047958"   "5053887"   "5140431"   "5155588"   "5200831"   "5291311"   "5293579"   "5313309"   "5365348"   "5450531"   "5469516"   "5574833"   "5581372"   "5600761"   "5619334"   "5625460"   "5638188"   "5642436"   "5694224"   "5701505"   "5703971"   "5710824"   "5729665"   "5731823"   "5740338"   "5742405"   "5742703"   "5745249"   "5754708"   "5760914"   "5790282"   "5818975"   "5832301"   "5844688"   "5860047"   "5867142"   "5872899"   "5886797"   "5914744"   "5917956"   "5920646"   "5926577"   "5937153"   "5956157"   "5974171"   "6020897"   "6021256"   "6072907"   "6075965"   "6088130"   "6091862").PN. OR ("7079287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:07
L43	7	("4415920"   "5311336"   "5339365"   "5422739"   "5504592"   "5985248").PN. OR ("7148997").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:07
L44	187	L39 and (detect\$3 discriminat\$3 distinguish\$3 discern\$3 identification recogni\$4 determin\$5 ascertain\$3 differentiat\$3 decid\$3 decision judg\$4 conclu\$4 finds\$3 obtain\$3 extract\$3 search\$4 verify\$4 analysis analyz\$4 evaluat\$3) near9 (thin\$1line (type group kind category character charateristic\$4)) near5 (image graphic\$3 text input\$1data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/14 18:08

L45	11	(["5351107"   "5410388"   "5481337"   "5574543"   "5729786"   "5754920"   "5940654"   "5995248"   "6035103"   "6185386").PN. OR ("6516162").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:08
L46	25	(["5084735"   "5110702"   "5370961"   "5464698"   "5581343"   "5689757"   "5689761"   "5905925"   "5915144"   "5925446"   "5935689"   "5999201"   "6088565"   "6184911"   "6224978").PN. OR ("6608641").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:09
L47	42	(["4499849"   "4547059"   "4571070"   "5105222"   "5172161"   "5875380"   "5953567"   "5987298"   "6016409"   "6112046"   "6122468"   "6128459"   "6142690"   "6163689"   "6201941"   "6249304"   "6282396"   "6381057"   "6381435"   "6393241"   "6400391"   "6429956"   "6459860"   "6469772"   "6505022"   "6507720"   "9295437").PN. OR ("6707480").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:09
L48	6	(["3909258"   "5287127"   "5666194"   "6587653").PN. OR ("6795101").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/14 18:09

12/14/2008 6:10:05 PM

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